

## **ABSTRACT**

A x-ray diagnostic apparatus and methods perform Real-Time Digital Radiography with particular application in dental x-ray imaging modalities, such as Orthopantomography, Scannography, Linear Tomography and Cephalography, by using a versatile and robotized mechanical structure, featuring projection movements in the required a real range and automatic adaptation of the same mechanical structure to serve the various x-ray imaging modalities foreseen.